PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT04-042	FOR FURTHER ACTION	as well as	see Form PCT/ISA/220 , where applicable, item 5 below.				
International application No.	International filing date (day/mo	nth/year)	(Earliest) Priority Date (day/month/year)				
PCT/KR2004/003042	24 NOVEMBER 2004 (2		27 NOVEMBER 2003 (27.11.2003)				
	Z4 NO V ENIDER 2001 (2						
Applicant							
LG Cable Ltd. et al							
This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of 3 sheets.							
	y of each prior art document cited	l in this report					
Basis of the report a. With regard to the language, the integrated language in which it was filed, unless	ss otherwise indicated under this i	tem.	·				
The international search this Authority (Rule 23.		ranslation of t	he international application furnished to				
b. With regard to any nucleotide	and/or amino acid sequence dis	closed in the i	nternational application, see Box No. I.				
2. Certain claims were found un	searchable (See Box No. II)						
3. Unity of invention is lacking (See Box No. III)						
4. With regard to the title,							
the text is approved as submitte	d by the applicant.		[40 228]]				
the text has been established by	this Authority to read as follow	s:					
			101510				
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5. With regard to the abstract,							
the text is approved as submitte		A	t amount in Poy No. IV. The applicant				
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.							
may, within one month from the	e date of maining of this internation	onai scarcii ici	one submit comments to any readons.				
6. With regard to the drawings,		No 2					
a. the figure of the drawings to be pub		No					
as suggested by the applie							
because the applicant faile							
because this figure better characterizes the invention. b. none of the figure is to be published with the abstract.							
b. none of the figure is to be publi	ished with the adstract.						

International application No. PCT/KR2004/003042

A. CLASSIFICATION OF SUBJECT MATTER IPC7 H05K 7/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K 1/00 - 13/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese utility models since 1974

Korean patens and utility models since 1947

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 6097602 A (Marian, Inc.) 01 Aug 2000 See the whole document	1 - 31
A	US 2003/0129863 A1 (International Business Machines Corporation) 10 Jul 2003 See the whole document	1 - 31
P,A	US 2004/0080915 A1 (Koninklijke philips electronics N.V.) 29 Apr 2004	1 - 31
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1	Further documents a	re listed	in	the o	continu	ation	of	Box	C.
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See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

25 FEBRUARY 2005 (25.02.2005)

Date of mailing of the international search report

25 FEBRUARY 2005 (25.02.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

HONG, Geun Jo

Telephone No. 82-42-481-5747



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003042

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US20040080915A1	29.04.2004	NONE		

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/003042

A. CLASS	A. CLASSIFICATION OF SUBJECT MATTER					
IPC7 H05K 7/20						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS	S SEARCHED	Justification symbols)				
Minimum docun IPC 7 H05K 1/	nentation searched (classification system followed by o	Jassification symbols,				
Documentation :	searched other than minimum documentation to the ex	tent that such documents are included in the fi	elds scarched			
Japanese utility	models since 1974 and utility models since 1947					
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Electronic data b	pase consulted during the intertnational search (name o	f data base and, where practicable, search terr	ns used)			
	•					
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appr	opriate, of the relevant passages	Relevant to claim No.			
Α .	US 6097602 A (Marian, Inc.) 01 Aug 2000		1 - 31			
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Further	documents are listed in the continuation of Box C.	See patent family annex.				
	legories of cited documents:	"T" later document published after the internation	nal filing date or priority			
"A" document d	lefining the general state of the art which is not considered	date and not in conflict with the application the principle or theory underlying the investigation.	on but cated to understand			
to be of par	ticular relevance lication or patent but published on or after the international	"X" document of particular relevance; the claim	ed invention cannot be			
filing date	filing date considered novel or cannot be considered to involve an inventive					
cited to establish the publication date of citation or other "Y" document of particular relevance; the claimed invention cannot be						
specific property referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination						
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than the pri	iority date claimed					
Date of the act	al completion of the international search	Date of mailing of the international search re				
25	25 FEBRUARY 2005 (25.02.2005) 25 FEBRUARY 2005 (25.02.2005)					
Name and mai	ling address of the ISA/KR	Authorized officer				
K K	Korean Intellectual Property Office 20 Dunsan-dong, Seo-gu, Daejeon 302-701,	HONG, Geun Jo	當品的			
No.	Republic of Korea	m 1 N 92 42 491 5747				

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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International application No.

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